

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

**Formica Corporation
10155 Reading Road,
Cincinnati, Ohio 45241**

ATTENTION:

**Theresa Myers
Environmental Health and Safety Coordinator**

Request to Provide Information Pursuant to the Clean Air Act

The U.S. Environmental Protection Agency is requiring Formica Corporation (Formica or you) to submit certain information about the facility located at 10155 Reading Road in Cincinnati, Ohio ("the facility"). Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us within 30 calendar days after you receive this request.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

Formica owns and operates emission sources at the Cincinnati, Ohio facility. We are requesting this information to determine whether your emission sources are complying with the Ohio State Implementation Plan and the CAA.

Formica must send all required information to:

Attn: Compliance Tracker, AE-17J
Air Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
Region 5
77 W. Jackson Boulevard
Chicago, Illinois 60604

Formica must submit all required information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B, for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment and shall be made available to the public notwithstanding any assertion of a business confidentiality claim. Appendix C provides additional information regarding the meaning and scope of the term "emissions data."

This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

We may use any information submitted in response to this request in an administrative, civil or criminal action.

Failure to comply fully with this information request may subject Formica to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Alexandra at (312) 886-6035 or at Letuchy.alexandra@epa.gov.

Date

6/4/15


George T. Czerniak
Director
Air and Radiation Division

Appendix A

When providing the information requested in Appendix B, use the following instructions and definitions.

Instructions

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

Electronic Submissions

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide the submission on physical media such as compact disk, flash drive or similar item.
4. Provide a table of contents for each disk or drive so that each document can be accurately identified in relation to your response to a specific question. We recommend the use of electronic file folders organized by question number. In addition, each compact disk or flash drive should be labeled appropriately (*e.g.*, Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and indicate what program was used.

Definitions

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*

1. The terms “document” and “documents” shall mean any object that records, stores, or presents information, and includes writings, memoranda, records, or information of any kind, formal or informal, whether wholly or partially handwritten or typed, whether in computer format, memory, or storage device, or in hardcopy, including any form or format of these. If in computer format or memory, each such document shall be provided in translation to a form useable and readable by EPA, with all necessary documentation and support. All documents in hard copy should also include attachments to or enclosures with any documents.
2. The terms “relate to” or “pertain to” (or any form thereof) shall mean constituting, reflecting, representing, supporting, contradicting, referring to, stating, describing, recording, noting, embodying, containing, mentioning, studying, analyzing, discussing, evaluating or relevant to.

Appendix B

Information You Are Required to Submit to EPA

Formica must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a). Formica shall submit an emission test plan, conduct emission testing, and submit all other information requested in accordance with the schedule specified below:

Submit Information Requested in 1 – 12	Within 30 days of receipt of this request
Submit Information Requested in 13	See below
Submit Testing Protocol(s)	Within 30 days of receipt of this request
Submit Notification of Intent to Test	Not less than 21 days before testing
Complete Testing	Within 65 days of receipt of this request
Submit Testing Report	Within 30 days of completion of testing

1. Provide a copy of each current and previous air permit issued to Formica by Ohio Environmental Protection Agency (Ohio EPA) from May 2005 to the present, including, but not limited to, construction permits, permits to install, permits to install and operate, federally enforceable state operating permits (FESOPs), and Part 70 (Title V) Operating Permits.
2. Provide a copy of all permit applications submitted to Ohio EPA from May 2005 to the present. Also provide a copy of the original Title V permit application for the facility.
3. Provide a table listing each emission unit, exhaust point, and associated emission control, if applicable. In the table, include all fugitive emission exhaust points. Additionally, provide one aerial view photograph indicating the location of each emission unit and one aerial view photograph of each of the exhaust points.
4. Provide a table of all emissions tests conducted at the facility for any reason, from May 2005 to the present and provide copies of all emissions test reports. Emission testing includes, but is not limited to, compliance testing, engineering testing, and testing for diagnostic information. Use the following guidelines for compiling the table and preparing copies of the stack test reports:
 - a. **Table:** Identify the emissions unit, the control device, the date of the test, the federal or state regulation requiring the test (if applicable), pollutants tested, throughput during test, and the test method(s) used. For each test during which the source was not operating at maximum design capacity, provide an explanation for why production was limited. Indicate whether the report was shared with Ohio EPA; and
 - b. **Copies:** Provide full stack test reports, including the summary pages, the section describing the process parameters and production or processing rates at the time of the test, all test runs, and all calculations.

5. Provide copies of all deviation reports, excess emissions reports, and startup, shutdown, and malfunction reports submitted to Ohio EPA or EPA from May 2010 to the present.
6. Provide copies of all quarterly reports, semi-annual compliance reports, or equivalent documents submitted to either Ohio EPA or EPA from May 2010 to the present.
7. Provide copies of all Initial Notifications and Notifications of Compliance Status submitted to Ohio EPA or EPA for National Emissions Standards for Hazardous Air Pollutants: Paper and Other Web Coating (NESHAP Subpart JJJJ).
8. Provide the following information for CO5, CO6, S&S Cutter, and each Press (No. 20, 22, 24, 26, and 28) for all times that the emission units were operating during the period of June 2010 to the present. Provide this information in a Microsoft Excel Workbook or compatible format:
 - a. Monthly production in tons;
 - b. Monthly hours of operation; and
 - c. Monthly average production rate (tons/hour).
9. Provide copies of all annual emissions reports submitted to Ohio EPA from 2005 to the present, and include:
 - a. A narrative describing the method used for the annual emissions calculations for each pollutant, including the basis of any emissions factors used;
 - b. A table describing the assumed/estimated capture efficiencies for each control device(s) and the associated emission unit(s), including any associated documentation for the assumptions;
 - c. Any documents outlining procedures for calculating annual emissions; and
 - d. Internal annual emissions spreadsheets (Excel format).
10. For the thermal oxidizer controlling emissions from Treater 109 (Emission Unit K014), provide copies of the following information from May 2010 to the present:
 - a. 3-hour block average operating temperatures (in excel);
 - b. Records of the operating time for the capture (collection) system, thermal oxidizer, monitoring equipment, and the associated emission unit(s);
 - c. Minimum required operating temperature at the thermal oxidizer, the method used to establish the limit (e.g., performance test on date), and the effective date of this temperature limit;
 - d. Records of deviations (date, time, magnitude, date of investigation, names of personnel conducting investigation, findings, and recommendations);

- e. Corrective actions for deviations (description, date and time action was completed, names of personnel who performed work); and
 - f. Afterburner inspection records and documentation regarding maintenance, repairs, or other improvements to the afterburner initiated based on finding from inspections from January 2010 to the present.
11. For the permanent total enclosure associated with Treater 109 (Emission Unit K014), provide of the following information from May 2010 to the present:
- a. 3-hour block average operating differential pressure at each differential pressure monitor (in excel);
 - b. Instantaneous differential pressure at each differential pressure monitor (in excel);
 - c. Record of the operating time for the capture (collection) system when the emissions unit was in operation;
 - d. Records of deviations (date, time, magnitude, date of investigation, names of personnel conducting investigation, findings, and recommendations);
 - e. Corrective actions for deviations (description, date and time action was completed, names of personnel who performed work);
 - f. Differential pressure monitor calibration records;
 - g. Manufacturer's recommendations, instructions, and operating manuals;
 - h. Design specifications;
 - i. Dimensions of all natural draft openings (NDO);
 - j. Dimensions of all openings that remain closed during operation (i.e. doors), noting the amount of time (% of total operations) these openings are open;
 - k. Diagram/schematic/construction drawing(s) of the total enclosure, showing the location of each:
 - i. NDOs;
 - ii. opening that remain closed during operation;
 - iii. hoods;
 - iv. differential pressure monitor;
 - v. exhaust point;
 - l. Hood and duct diameters;

- m. Distance from each NDO and openings that remain closed during operation to the exhaust point; and
 - n. Dimensions of the enclosure's four walls, floor, and ceiling will be measured and provided.
- 12. From May 2010 to the present, provide the results of all indoor air quality test performed at the facility. For each test result of area sampling, provide an annotated diagram of the facility identifying the location from which the sample is obtained. For each test result of personnel sampling, provide an annotated diagram of the facility indicating location where the employee works and a narrative description their job duties.
- 13. Formica shall submit an emission test protocol, conduct emission testing, and submit all other information requested within the schedules provided below for the facility. Specifically, Formica shall:
 - b. Within 30 days after receipt of this request, submit a proposed emission testing protocol to measure emissions of volatile organic compounds (VOC), phenol, and formaldehyde emitted from CO5, CO6, S&S Cutter, and Press No. 26. This emission testing must be conducted in accordance with U.S. EPA Method 1 – 4, Method 204, Method 204D, and Method 320. Formica must take any adjustment to the testing protocol or operating conditions required by EPA. The emission test protocol shall specify the following:
 - i. Temporary total enclosure (TTE) will be constructed at the following emission units: CO5, CO6, S&S Cutter, and Press No. 26;
 - ii. Three sampling runs will be conducted at each emission unit. Each run shall be at least one hour long;
 - iii. Testing will be conducted in accordance with the Test Methods above; and
 - iv. Testing will be conducted at a production rate and process operating conditions that would produce the worst case emission rate.
 - c. At least 21 days prior to the planned test(s), submit notification to EPA via email and to Ohio EPA of the intent to perform emission testing;
 - d. Within 65 days of the receipt of this request, Formica shall perform the emission testing at CO5, CO6, S&S Cutter, and Press No. 26 in accordance with the approved emission test protocol; and
 - e. Within 30 days after completion of those tests, submit a complete report of the emissions testing on its facility, including the following, at a minimum:
 - i. Summary of Results

- A. Results of the above-specified emission tests-(ppm, lb/hr);
 - B. Process and control equipment data related to determining compliance;
 - C. Discussion of test errors;
 - D. Discussion of any deviations from the reference test methods; and
 - E. Production data.
- ii. Facility Operations
- A. Description of the process in operation;
 - B. Operating parameters of the process at the time of the test, including but not limited to line speed, press temperature and pressure, resin in use, formaldehyde content of resin, phenol content of resin; and
 - C. Facility operating parameters that demonstrate that the facility was being operated at maximum production rates.
- iii. Sampling and Analytical Procedures
- A. Sampling port location(s) and dimensions of cross-section;
 - B. Sampling point description, including labeling system;
 - C. Brief description of sampling procedures, including equipment and diagram;
 - D. Description of sampling procedures (planned and accidental) that deviated from any standard method;
 - E. Brief description of analytical procedures, including calibration;
 - F. Description of analytical procedures (planned or accidental) that deviated from any standard method; and
 - G. Quality control/ quality assurance procedures, tests, and results.
- iv. Appendix
- A. Complete results with example calculations;
 - B. Raw field data (original, not computer printouts);
 - C. Laboratory report, with signed chain-of-custody forms;
 - D. Calibration procedures and results;
 - E. Raw process and control equipment data, signed by plant representative;
 - F. Test log;
 - G. Project participants and titles; and
 - H. Related correspondence.

Formica shall submit Information Requested in 13 by electronic mail to:

Letuchy.alexandra@epa.gov and R5airenforcement@epa.gov.

Appendix C

Confidential Business and Personal Privacy Information

Assertion Requirements

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A),(B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the Request to Provide Information as a waiver of that claim, and the information may be made available to the public without further notice to you.

Determining Whether the Information is Entitled to Confidential Treatment

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so; that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential **by page, paragraph, and sentence**. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event, or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, **explain with specificity** why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial and the causal relationship between

disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, **you bear the burden of substantiating your confidentiality claim.** Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

Personal Privacy Information

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.

CERTIFICATE OF MAILING

I, Loretta Shaffer, certify that I sent a Request to Provide

Information Pursuant to the Clean Air Act by Certified Mail, Return Receipt Requested, to:

Diane Berniquer
Environmental, Health, and Safety Manager
Formica Corporation
10155 Reading Road,
Cincinnati, Ohio 45241

I also certify that I sent a copy of the Request to Provide Information Pursuant to the
Clean Air Act by First-Class Mail to:

Tom Schneider
Ohio EPA.DAPC
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402

Brad Miller
Assistant Director
Hamilton County Department of Environmental
Services
Southwest Ohio Air Quality Agency
250 William Howard Taft Road
Cincinnati, Ohio 45219

On the 15 day of June 2015.

Loretta Shaffer

Loretta Shaffer, Program Technician
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 7011150 0000 26405212